

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052423AL\
 Data File : FF012724.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2023 10:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2023
 Supervised By :Ankita Jodhani 05/25/2023

Integration File: autoint1.e
 Quant Time: May 25 03:32:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.901	3022215	18.868 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	12.333	2203501	18.644 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	2.764	2427348	18.548 ug/mlm
2) T n-Decane (C10)	3.773	2502383	18.730 ug/ml
3) T A~Naphthalene (C11.7)	5.338	2568996	18.233 ug/ml
4) T n-Dodecane (C12)	5.758	2530477	18.695 ug/ml
5) T A~2-methylnaphthalene...	6.386	2389641	18.005 ug/ml
6) T n-Tetradecane (C14)	7.546	2518327	18.822 ug/ml
7) T n-Hexadecane (C16)	9.143	2624549	18.958 ug/ml
8) T n-Octadecane (C18)	10.582	2734132	19.207 ug/ml
10) T n-Eicosane (C20)	11.887	2650347	19.272 ug/ml
11) T n-Heneicosane (C21)	12.498	2591337	19.161 ug/ml
13) T n-Docosane (C22)	13.082	2574045	19.229 ug/mlm
14) T n-Tetracosane (C24)	14.184	2513670	19.117 ug/ml
15) T n-Hexacosane (C26)	15.203	2463090	19.372 ug/ml
16) T n-Octacosane (C28)	16.152	2433906	19.796 ug/ml
17) T n-Tricontane (C30)	17.037	2590202	20.981 ug/ml
18) T n-Dotriacontane (C32)	17.868	2593447	21.435 ug/ml
19) T n-Tetratriacontane (C34)	18.649	2425591	20.733 ug/ml
20) T n-Hexatriacontane (C36)	19.388	2238184	19.865 ug/ml
21) T n-Octatriacontane (C38)	20.113	2103845	18.888 ug/mlm
22) T n-Tetracontane (C40)	21.006	1954834	17.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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